

LDWSF
12.3.55 ul

TABLE 1
MARINE POWER AND EQUIPMENT
ELUTRIATE ANALYSIS DATA

METAL	SEDIMENT (mg/kg dry)	Lake Union Water (ug/l) (ug/l) (Total) (Dissolved)		WATER ELUT. (ug/l) (Dissolved)	WATER QUALITY CRITERIA (ug/l) ACUTE CHRONIC	
Arsenic	2760	1U	1U	167	360	190
Cadmium	7.9	0.2U	0.2U	0.2U	1.17	0.49
Chromium	120	1U	1U	1U	722.04	86.06
Cr+6		1U	1U	1U		
Copper	3360	1U	1U	2	6.46	4.73
Iron	143350	35	21	158		1.0 PPT
Lead	2790	18	7	12	20.87	0.81
Mercury	0.21	0.05U	0.05U	0.05U	2.4	0.012
Tin	63.5	19	1U	1U	No criteria available.	
Zinc	8940	1U	1U	14	47.20	42.75

- U = Analyzed for but not detected. The number shown is the minimum detection limit.
- Hardness = 34.25 mg/l CaCO₃ Average for Lake Union.
- Acute = 1 hr.; Chronic = 4 day.
- Water Quality Criteria were calculated using the hardness data for Lake Union.

USEPA SF



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